



Recombinant Catalase B (katB)

Product Code	CSB-EP724151FLV
Abbreviation	katB
Storage	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.
Uniprot No.	Q66V81
Product Type	Recombinant Protein
Immunogen Species	Staphylococcus xylosum
Purity	≥85% (SDS-PAGE)
Sequence	MSNNKLTSL FGAPVSDREN SMTAGPRGPL VMQDWYFLEQ MAHFDREVIP ERRMHAKGSG AFGTFTVTND ITQYTSASIF SEVGKQTEMF ARFSTVAGER GAADAERDIR GFALKFYTDE GNWDLVGNNT PVFFFRDPKL FASLNHAVKR DPRTNMRSQA NNWDFWTSPL EALHQVTILM SDRGIPKGYR NMHGFGSHTY SMYNDKGERV WVKFHHRTQQ GIENLQPDEA AKIIADDRES SQRDLFEAIE NKDYPKWKTY IQVMTEEQAR NHKDNPFDLT KVWYKGDYPL IEVGEWELNR NPDNYFQDVE QAAFAPTNIV PGIDFSPDKM LQGRLFSYGD AQRYLGVNH WQIPVNQPKG VGVENICPFS RDGQMRILDN NQGGGTHYYP NSDGSFEDQP EFKKPGLKVE GEAYEYDFRQ DDDNYFEQPG RLFRLQSKEQ QERIFENTAN EMQGTTLVQ HRHIRHCYKA DSEYGKGVAR ALGVDINDVD LEIKD
Source	E.coli
Target Names	katB
Protein Names	Recommended name: Catalase B EC= 1.11.1.6
Expression Region	1-495
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	Tag type will be determined during the manufacturing process.
Protein Length	full length protein
Reconstitution	We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.
Shelf Life	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.